If You Build It, Will They Come?
Promoting the Usage of MD IDEA Scorecard

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MARYLAND STATE DEPARTMENT OF
EDUCATION
Preparing World-Class Students

JOHNS HOPKINS | CENTER FOR
UNIVERSITY | TECHNOLOGY IN EDUCATION
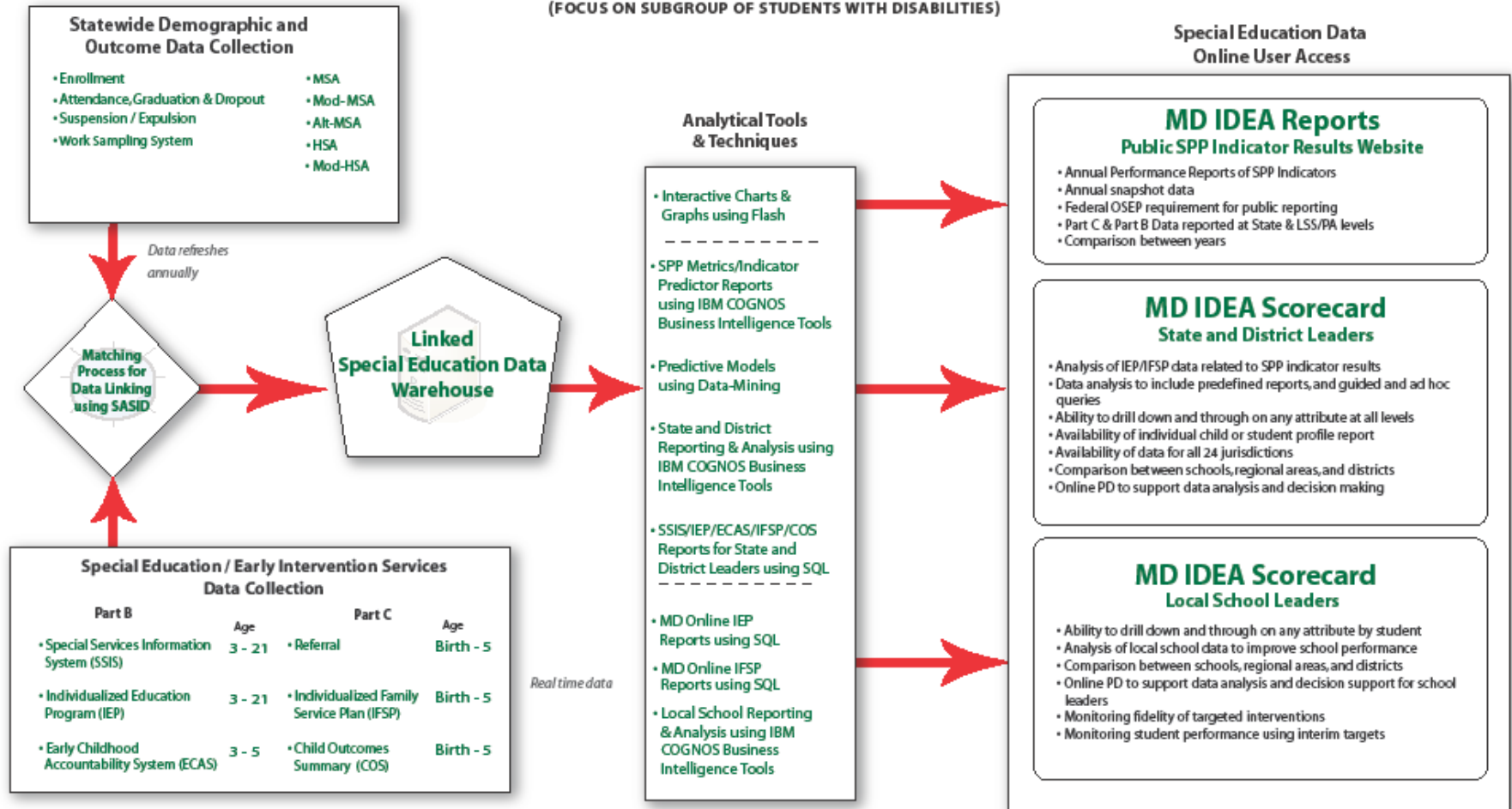**School of Education**

MD IDEA Scorecard At-a-Glance

- Purpose & vision
- Data organization
- Overview of tool & main features

LONGITUDINAL DATA COLLECTION AND ANALYSIS FRAMEWORK
MARYLAND DIVISION OF SPECIAL EDUCATION / EARLY INTERVENTION SERVICES

07-22-11

(FOCUS ON SUBGROUP OF STUDENTS WITH DISABILITIES)

Statewide Demographic and Outcome Data Collection

- Enrollment
- Attendance, Graduation & Dropout
- Suspension / Expulsion
- Work Sampling System
- MSA
- Mod-MSA
- Alt-MSA
- HSA
- Mod-HSA

Data refreshes annually

Matching Process for Data Linking using SASID

Linked Special Education Data Warehouse

Special Education / Early Intervention Services Data Collection

Part B	Age	Part C	Age
• Special Services Information System (SSIS)	3 – 21	• Referral	Birth – 5
• Individualized Education Program (IEP)	3 – 21	• Individualized Family Service Plan (IFSP)	Birth – 5
• Early Childhood Accountability System (ECAS)	3 – 5	• Child Outcomes Summary (COS)	Birth – 5

Real time data

Analytical Tools & Techniques

- Interactive Charts & Graphs using Flash

- SPP Metrics/Indicator Predictor Reports using IBM COGNOS Business Intelligence Tools

- Predictive Models using Data-Mining

- State and District Reporting & Analysis using IBM COGNOS Business Intelligence Tools

- SSIS/IEP/ECAS/IFSP/COS Reports for State and District Leaders using SQL

- MD Online IEP Reports using SQL

- MD Online IFSP Reports using SQL

- Local School Reporting & Analysis using IBM COGNOS Business Intelligence Tools

Special Education Data Online User Access

MD IDEA Reports
Public SPP Indicator Results Website

- Annual Performance Reports of SPP Indicators
- Annual snapshot data
- Federal OSEP requirement for public reporting
- Part C & Part B Data reported at State & LSS/PA levels
- Comparison between years

MD IDEA Scorecard
State and District Leaders

- Analysis of IEP/IFSP data related to SPP indicator results
- Data analysis to include predefined reports, and guided and ad hoc queries
- Ability to drill down and through on any attribute at all levels
- Availability of individual child or student profile report
- Availability of data for all 24 jurisdictions
- Comparison between schools, regional areas, and districts
- Online PD to support data analysis and decision making

MD IDEA Scorecard
Local School Leaders

- Ability to drill down and through on any attribute by student
- Analysis of local school data to improve school performance
- Comparison between schools, regional areas, and districts
- Online PD to support data analysis and decision support for school leaders
- Monitoring fidelity of targeted interventions
- Monitoring student performance using interim targets

Developed by the MSDE Division of Special Education/ Early Intervention Services in collaboration with Johns Hopkins University / Center for Technology in Education

[MD IDEA Scorecard](#)

Challenges and Solutions

- **Interpreting data**
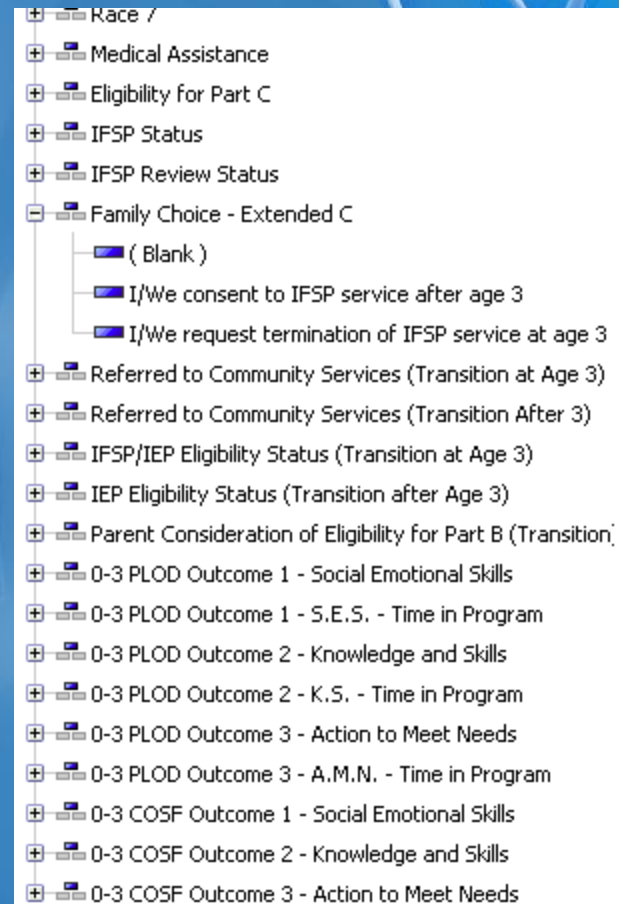 - Challenge: Users with varying levels of data and statistical literacy.

Children	Community-Based	Home	Other	More & hidden	Service - Setting
(Blank)					1
Allegany	15	183	1		200
Anne Arundel	180	1421	88		1710
Baltimore City	30	1030	130		1192
Baltimore County	201	1823	86		2118
Calvert	39	141	14		194
Caroline	19	67	1		87
Carroll	47	265	9		323
Cecil	10	111			121
Charles	121	179	8		312
Dorchester	11	67	8		86
Frederick	70	384	141		599
More					
County	1724	10716	1119		13688

Challenges and Solutions (cont.)

– Solutions:

- Train on common data misinterpretations

- Train on data sources & issues surrounding fidelity of those data based on the sources

- Label data in terms that are understandable to users

- Create "predefined reports"

Challenges and Solutions (cont.)

- **Assisting users with job-related tasks**
  - Challenge: Identifying practical usage of MD IDEA Scorecard.
  - Solutions:
    - Pose critical questions that state & district level leaders must consider in order to diligently monitor and react to SPP performance
    - Establish early warning alert system
    - Implement data coaching training model

Scorecard--
The Data Landscape

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Early Warning Alert System

- Based on four "alert" categories associated with school dropout
  - Mobility
  - Attendance
  - Assessment
  - Disciplinary Suspensions
- [Threshold questions](#) for each alert category
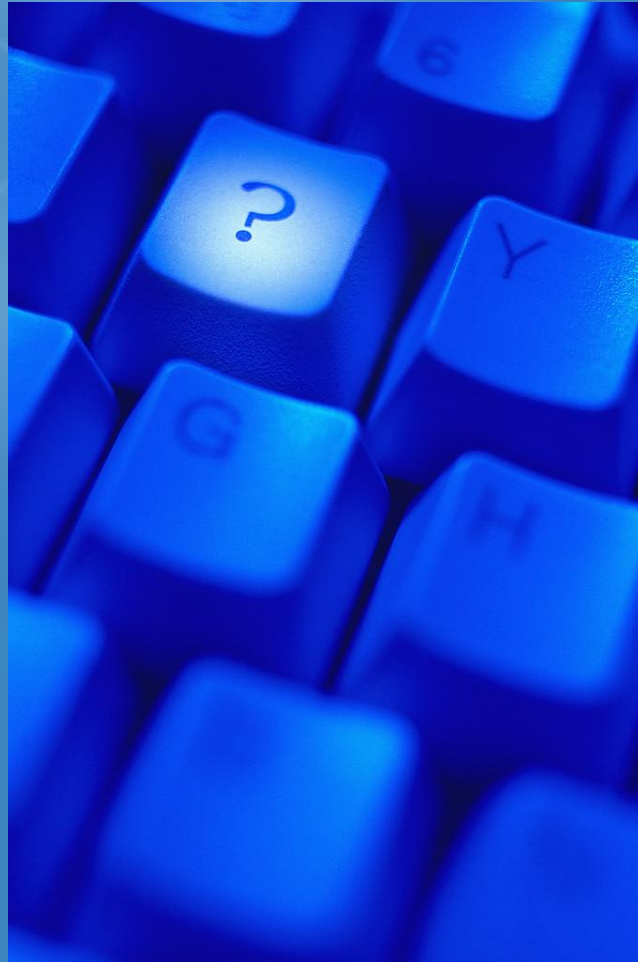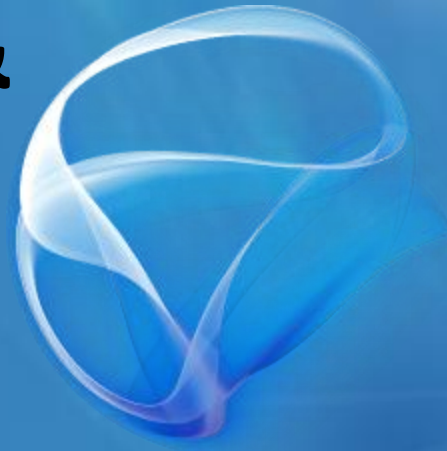
Data Coaching Model

- Face-to-face & online support

- School-based data leadership teams

- Linkage to evidence-based interventions

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Closing Comments & Questions

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